

### **Abstract of the Disclosure**

A latch mechanism for producing a releasable connection of a housing portion with a further housing portion provides projections on one of the housing portions, and for producing a releasable connection by means of a rotational motion of the housing portions relative to one another, the latch projections latchingly engaging in associated latch recesses, where the latching mechanism includes a rotatably mounted ring element including the recesses for receiving the projections. The latching mechanism can be connected by means of further latch recesses and further latch projections to the further housing portion.